

CLAIMS

1. An electro-acoustic transducer comprising:
 - a magnetic circuit;
 - 5 a frame joined to the magnetic circuit;
 - a diaphragm joined to a circumferential edge of the frame;
 - a voice coil joined to the diaphragm and partially provided in a magnetic gap of the magnetic circuit;
 - a terminal composed of a metal plate having spring property and conductivity, the
 - 10 terminal being partially fixed to the frame, and electrically connected to the voice coil; and
 - a stopper for restricting a bending range of the metal plate constituting the terminal to a level equal to or lower than a reversibility limit value of metal material, the stopper provided at an outer periphery of the metal plate of the terminal, and extending from a main section of the terminal to the frame.
- 15 2. The electro-acoustic transducer according to claim 1, wherein the stopper extends from the main section of the terminal in a direction substantially perpendicular to the main section of the terminal.
- 20 3. The electro-acoustic transducer according to claim 1, wherein the stopper is one of a plurality of stoppers and the terminal includes the plurality of stoppers.
4. The electro-acoustic transducer according to claim 1, wherein the electro-acoustic transducer further includes a reinforced section that extends along a direction substantially
- 25 perpendicular to at least a part of the stopper.
5. The electro-acoustic transducer according to claim 4, wherein the reinforced

section includes a reinforcing rib for reinforcing the stopper.

6. The electro-acoustic transducer according to claim 1, wherein the stopper further includes a reinforcing rib for reinforcing the stopper.

5

7. An electronic apparatus comprising:

an electro-acoustic transducer including:

a magnetic circuit;

a frame joined to the magnetic circuit;

10 a diaphragm joined to a circumferential edge of the frame;

a voice coil joined to the diaphragm and partially provided in a magnetic gap of the magnetic circuit;

15 a terminal composed of a metal plate having spring property and conductivity, the terminal being partially fixed to the frame, and electrically connected to the voice coil; and

a stopper for restricting a bending range of the metal plate constituting the terminal to a level equal to or lower than a reversibility limit value of metal material, the stopper provided at an outer periphery of the metal plate of the terminal, and extending from a main section of the terminal to the frame, and

20 an electronic circuit for supplying electric power to the electro-acoustic transducer, the electronic circuit electrically connected to the electro-acoustic transducer via a contact point provided in the terminal.